Final Bill

BR - 150/14/8/14.

M. A. R. 57 (Rule 116)
Measurement Book

BR - 288/28/8/14.
No. B 251330

Improvements to Roads and drains of Krishna North Valley II in Ward No - 10.

From ..... To .....

Name of Contractor or nature of Agency ..... K.R.I.D.L.

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work Code No:-	010-14-000027.					
	Work order No:-	EE/BTP/KRIDL/W.O/464/2013-14. Dt 21/2/2014					
	Agreement No:-	464 Dated 21/2/2014.					
	Address of Agency:-	#119, 11th Cross, Silvepa arched 3rd floor Eqt Park road, Malleshwaram, Bangalore - 560003.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5mt excavated surface leveled and sides neatly						
	K.N.U College Parallel Road	1	30.00	$\frac{(2.4+2.20)}{2}$	0.10	= 6.90 Cum	
		1	30.00	$\frac{(2.2+2.3)}{2}$	0.10	= 6.75 Cum	
		1	16.40	$\frac{(2.3+2.3)}{2}$	0.10	= 3.77 Cum	
	Kattiramma Layout	1	30.00	4.50	0.10	= 13.50 Cum	
	KNU College 2nd Cross	1	30.20	$\frac{(4.20+4.0)}{2}$	0.10	= 12.38 Cum	
		1	18.50	$\frac{(4.0+4.0)}{2}$	0.10	= 7.40 Cum	
					Total =	50.80 Cum	

C&F Page

Assistant Executive
Vidyaranyapura
BBMP, Bangal

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251331

From..... To.....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		@ Rs	90.72			Rs	4581.00
	Construction of embankment with approved material gravel/murram with all leads, transporting to site, spreading, grading to required slope and compacting to meet						
	at Road KNU College	1	30.00 (2.4+2.20)/2	0.20	= 13.80 cum		
	Hennur Road	1	30.00 (2.20+2.30)/2	0.20	= 13.50 cum		
		1	16.00 (2.3+2.3)/2	0.20	= 7.36 cum		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kotteramma Layout						
	KNU College 2nd Cross	1	30.00	11.5	0.20	= 27.00 Cum	
		1	30.20	(11.2+11.0)/2	0.20	= 24.76 Cum	
		1	18.50	(11.0+11.10)/2	0.20	= 14.99 Cum	
					Total	= 101.59 Cum	
		Qty limited to Tender = 100.00 Cum					
		@ Rs 163.24				Rs 16487.00	
3)	Providing and laying in Position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs using 40mm and down size graded granite metal coarse aggregates @ 0.85						
	KNU College Parallel Road	1	30.00	(24+21.20)/2	0.15	= 10.35 Cum	

Assistant Executive Engineer
Vidyaranyapura
BBMP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251332

From..... To.....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Widening & Laying Cement Concrete Pavement in College 2nd Cross	1	30.00	(2.2+2.30)/2	0.15	= 10.13 Cum	CC & Pavement
	1	18.40	(2.3+2.30)/2	0.15	= 5.66 Cum	
	1	30.00	4.50	0.15	= 20.25 Cum	
	1	30.20	(4.2+4.0)/2	0.15	= 18.57 Cum	
	1	18.50	(4.0+4.10)/2	0.15	= 11.24 Cum	
				Total	= 75.75 Cum	
@ Rs 4290.84					Rs 325031.00	

Assistant Executive Engin
Vidyaranyapura Sub Divis
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing and fixing 20mm thick compressible fibre board in expansion joint complete as per drawing & technical specification.						
		7	2.40			= 16.80 Rft	
		4	4.50			= 18.00 rft	
		5	4.00			= 20.20 rft	
					Total =	55.00 rft	
	@ Rs 137.16					Rs 7544.00	
	5) Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for RCC work (M25) thick layers well compacted vibrating curing.						

(Assistant Executive Engineer)
Vidyapeeta Sub
BBMP, Bangalor

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251333

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	College Parallel Road	1	30.00	(2.4+2.20)/2	0.15 =	10.35 Cum	
		1	30.00	(2.2+2.30)/2	0.15 =	10.13 Cum	
		1	16.40	(2.3+2.30)/2	0.15 =	5.66 Cum	C & FC
	Layout	1	30.00	4.50	0.15 =	20.25 Cum	
	College 2nd Cross	1	30.20	(4.2+4.0)/2	0.15 =	18.57 Cum	
		1	18.50	(4.0+4.10)/2	0.15 =	16.24 Cum	
					Total =	75.75 Cum	
	@ Rs 6464.88					Rs 489715.00	

Executive Engineer
Rajarajeshwari Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

Assistant Executive Engineer
Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Vaccum De-watering with Vaccum Pump and Suction mat and compaction with steam floater Clubbed with floating dose including cost of generator.						
	KNU College Parallel Road	1	30.00 $\frac{(2.4+2.20)}{2}$			= 69.00 Sqt	
		1	30.00 $\frac{(2.2+2.30)}{2}$			= 67.50 Sqt	
		1	16.40 $\frac{(2.3+2.30)}{2}$			= 37.72 Sqt	
		1	30.00	4.50		= 135.00 Sqt	
	Kattoramma Layout						
	KNU College 2nd cross	1	30.20 $\frac{(4.2+4.10)}{2}$			= 123.82 Sqt	
		1	18.50 $\frac{(4.0+4.10)}{2}$			= 74.93 Sqt	
						Total = 505.00 Sqt	

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251334

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@ Rs	91.80			Rs	46359.00
	for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading						
	Qty vide Item no 10-01					=	42.93 Cum
		@ Rs	72.71			Rs	3121.00
	for third Party inspection charges					Rs	8928.00

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	Add 11% for K.R.I.D.L Service Charges					Rs	98212.00
						Total Rs	999978.0
						Jadhav AE	28/8/2014
	Certificate:- Certified that the above work done & total factory and no-material issued from department. Jadhav AE 28/8/2014						

Assistant Engineer
Vidyaranyapura Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

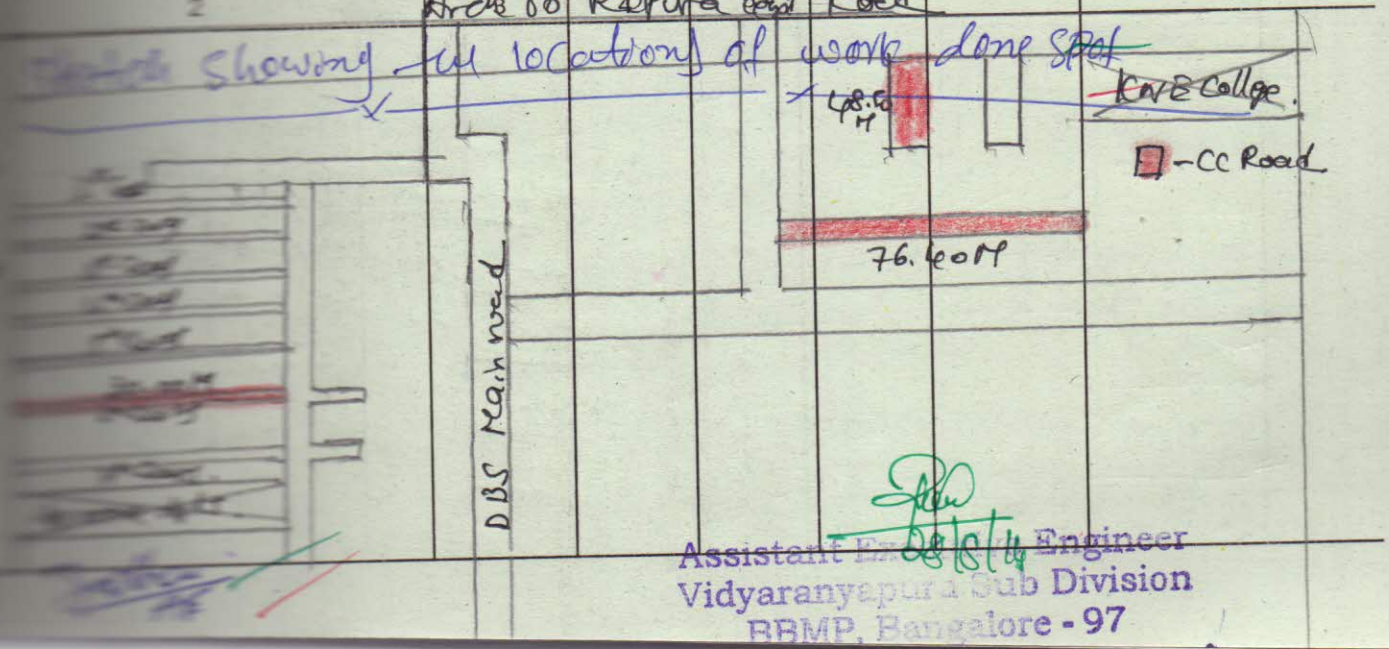
251335

Name of Work ..... From..... To.....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions: Number	Length	Breadth	Depth	Contents 7	Reference to last Measurement 8
	Sketch showing the locations of work done SPA	Arch 60	Rajpura East Road				



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97